



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

A

# METEOROLOGICAL JOURNAL

KEPT AT THE APARTMENTS OF

THE ROYAL SOCIETY,

BY ORDER OF THE

P R E S I D E N T A N D C O U N C I L.

B b 4

## M E T E O R O L O G I C A L J O U R N A L

for January 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
Jan. 1	8 o	37	45 $\frac{1}{2}$	30,42	0,042	SW	1	Fine.
	2 o	43 $\frac{1}{2}$	47 $\frac{1}{2}$	30,39		SSW	1	Cloudy.
2	8 o	34	45	30,42		WSW	1	Foggy.
	2 o	36	45	30,40		WSW	1	Cloudy.
3	8 o	37	47 $\frac{1}{2}$	30,34	0,037	SW	1	Cloudy.
	2 o	40	50	30,37		WSW	1	Cloudy.
4	8 o	40	48	30,51		WSW	1	Cloudy.
	2 o	44	51	30,53		WSW	1	Cloudy.
5	8 o	42 $\frac{1}{2}$	50	30,45		WSW	1	Cloudy.
	2 o	47	52	30,42		WNW	1	Cloudy.
6	8 o	44	51	30,35		NW	1	Cloudy.
	2 o	47	52	30,37		NNE	1	Cloudy.
7	8 o	33	50 $\frac{1}{2}$	30,60		NE	1	Fine.
	2 o	36	51	30,62		ENE	1	Fine.
8	8 o	27	48	30,64		ESE	1	Foggy.
	2 o	34	50	30,63		NE by N	1	Cloudy.
9	8 o	36	49	30,63	0,017	NNE	1	Foggy.
	2 o	40	50 $\frac{1}{2}$	30,60		NNE	1	Cloudy.
10	8 o	35	49	30,44		SE	1	Cloudy.
	2 o	34 $\frac{1}{2}$	50 $\frac{1}{2}$	30,41		SE	1	Cloudy.
11	8 o	34 $\frac{1}{2}$	48 $\frac{1}{2}$	30,19		SE	1	Cloudy.
	2 o	40	50 $\frac{1}{2}$	30,10		SE by S	1	Fine.
12	8 o	34 $\frac{1}{2}$	49	29,83		SE	1	Fine.
	2 o	40	52	29,68		SE by E	2	Fine.
13	8 o	37	48	29,52		SE by S	2	Fine.
	2 o	45	50	29,59		SSE	2	Cloudy.
14	8 o	37	48	29,89		SE by E	1	Foggy.
	2 o	45	50	29,91		SE by E	1	Fine.
15	8 o	33 $\frac{1}{2}$	48	30,04		SE	1	Foggy.
	2 o	34	50 $\frac{1}{2}$	30,02		ESE	1	Foggy.
16	8 o	30	48	29,90		SE by S	1	Foggy.
	2 o	36	49	29,85		SE	1	Cloudy.

## METEOROLOGICAL JOURNAL

for January 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain. Inches.	Wind.		Weather.
						Points.	Str.	
Jan. 17	8 o	35 $\frac{1}{2}$	47	30,07		NNE	1	Cloudy.
	2 o	40	49	30,16		NNE	1	Cloudy.
18	8 o	30	47	30,26		SW	1	Foggy.
	2 o	38	50	30,13		WSW	1	Rainy.
19	8 o	33	48	30,27	0,010	NW	1	Foggy.
	2 o	39 $\frac{1}{2}$	50	30,25		NW	1	Foggy.
20	8 o	43	48	30,16	0,095	NW	1	Foggy.
	2 o	49	51	30,16		NNW	1	Cloudy.
21	8 o	44	49	30,16	0,018	NW	1	Foggy.
	2 o	47	52	30,12		NW by N	1	Cloudy.
22	8 o	43	49	30,12		NW	1	Cloudy.
	2 o	46	53	30,13		NNE	1	Cloudy.
23	8 o	41 $\frac{1}{2}$	52	30,09	0,016	SW by S	1	Cloudy.
	2 o	43	53	30,08		W	1	Cloudy.
24	8 o	41	52	30,09		NNE	1	Foggy.
	2 o	44	54	30,10		E by N	1	Fine.
25	8 o	37	51 $\frac{1}{2}$	30,15	0,029	ESE	1	Cloudy.
	2 o	38	53	30,18		SE by S	1	Fine.
26	8 o	28 $\frac{1}{2}$	51	30,15		NE by E	1	Fine.
	2 o	33 $\frac{1}{2}$	52	30,05		NE	2	Cloudy.
27	8 o	28	49 $\frac{1}{2}$	29,84		NE	1	Snow.
	2 o	31	50	29,83		NE by E	1	Cloudy.
28	8 o	30	47 $\frac{1}{2}$	29,67		SE by S	3	Cloudy.
	2 o	31 $\frac{1}{2}$	49	29,64		SSE	2	Snow.
29	8 o	40 $\frac{1}{2}$	47 $\frac{1}{2}$	29,88	0,068	S by E	2	Cloudy.
	2 o	45	49	29,93		SSW	2	Cloudy.
30	8 o	47	49	30,27	0,028	SSW	2	Cloudy.
	2 o	51	51 $\frac{1}{2}$	30,32		SSW	2	Fine.
31	8 o	38	50	30,38		SW	1	Fine.
	2 o	48 $\frac{1}{2}$	53	30,38		SW	1	Fine.

## METEOROLOGICAL JOURNAL

for February 1788.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain. Inches.	Winds.		Weather.
					Inch.	Points.	Str.	
Feb. 1	8 0	41	50	30,31		SW	1	Fine.
	2 0	50	54	30,25		SW	1	Fine.
2	8 0	44	52	30,28	0,034	SE by E	1	Foggy.
	2 0	48	54	30,28		SSW	1	Cloudy.
3	8 0	45	53	30,11		SW	1	Cloudy.
	2 0	49	54 $\frac{1}{2}$	30,01		SW	2	Cloudy.
4	8 0	35	53	30,25	0,046	SE by E	1	Fine.
	2 0	44	54	30,21		SE	1	Fine.
5	8 0	33	52 $\frac{1}{2}$	30,04		SE by E	1	Cloudy.
	2 0	41	53	29,95		SE by E	1	Fine.
6	8 0	37	51	29,87		SW by S	1	Cloudy.
	2 0	44	53	29,82		SW	1	Cloudy.
7	8 0	48	52	29,55	0,020	S. by W	2	Rainy.
	2 0	52	54	29,55		SSW	2	Cloudy.
8	8 0	37	52	30,01	0,018	SW	1	Fine.
	2 0	49	54	30,01		SW by W	2	Cloudy.
9	8 0	46 $\frac{1}{2}$	53	29,77		SW by S	2	Rainy.
	2 0	50	54	29,61		SW by W	2	Cloudy.
10	8 0	43 $\frac{1}{2}$	53	29,41	0,058	S by E	2	Cloudy.
	2 0	47	54	29,24		SSE	2	Rainy.
11	8 0	41	53	29,21	0,160	S by W	2	Fair.
	2 0	45	54	29,05		S by W	2	Rainy.
12	8 0	39 $\frac{1}{2}$	53	28,68	0,206	SW by S	3	Rainy.
	2 0	45	53	28,67		SSW	3	Rainy.
13	8 0	41	52	28,71	0,376	SW	1	Cloudy.
	2 0	45 $\frac{1}{2}$	53	28,99		W	1	Cloudy.
14	8 0	35	51	29,71		W by N	1	Fine.
	2 0	45	54	29,86		W by N	1	Fine.
15	8 0	46	52	29,83		SW by W	2	Cloudy.
	2 0	49	51	29,81		SW	2	Cloudy.
16	8 0	49	53	29,96	0,026	SW	2	Cloudy.
	2 0	51	55	29,85		SW	2	Cloudy.

## M E T E O R O L O G I C A L J O U R N A L

for February 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain .	Winds.	Weather.	
				Inches.	Inch.	Points.	Str.	
Feb. 17	8 o	38	54	30,31		SW	I	Fine.
	2 o	47	56	30,36		W	I	Fine.
18	8 o	42	54	30,30		SW by S	I	Cloudy.
	2 o	50	55	30,27		W	I	Cloudy.
19	8 o	39	54	30,34		SW	I	Fine.
	2 o	52	56	30,33		SW by W	I	Fine.
20	8 o	40	54	30,27		S by E	I	Foggy.
	2 o	45	55	30,27		SE by S	I	Foggy.
21	8 o	41 $\frac{1}{2}$	54	30,18		N	I	Fine.
	2 o	46	55	30,16		NNE	I	Cloudy.
22	8 o	33 $\frac{1}{2}$	53	30,16		ENE	I	Fine.
	2 o	41	55	30,16		E	I	Fine.
23	8 o	31	52	30,14		ESE	I	Foggy.
	2 o	41	55	30,14		ESE	I	Fine.
24	8 o	36	52	30,08		W	I	Cloudy.
	2 o	44	53	30,06		W	I	Cloudy.
25	8 o	38	52	30,08		W	I	Cloudy.
	2 o	46	53	30,03		W	I	Cloudy.
26	8 o	42	52	30,06	0,024	W by N	I	Cloudy.
	2 o	51	53	30,08		W by S	I	Cloudy.
27	8 o	40	51	30,11		SW by S	I	Fine.
	2 o	49	53	30,00		SW	I	Fine.
28	8 o	43	51	29,90	0,073	W	I	Fine.
	2 o	53	54	29,97		W by S	I	Cloudy.

## M E T E O R O L O G I C A L J O U R N A L

for March 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
March 1	7 0	51	53	29,80	0,107	SW	2	Cloudy.
	2 0	55	55	29,62		SW	2	Rainy.
2	7 0	49	54	29,32	0,036	SW by S	3	Cloudy.
	2 0	53	54	29,38		SW by S	2	Cloudy.
3	7 0	46	53 $\frac{1}{2}$	29,45		SW by S	2	Cloudy.
	2 0	49	54	29,03		SSW	2	Rainy.
4	7 0	42	53	29,10	0,076	W	1	Fair.
	2 0	45	54	29,55		NNW	1	Cloudy.
5	7 0	36	52	29,75		SE	1	Cloudy.
	2 0	37	53	29,55		SE by E	1	Rainy.
6	7 0	44	52	29,44	0,061	SSE	2	Cloudy.
	2 0	47	54	29,11		S by E	2	Rainy.
7	7 0	40	53	29,31	0,261	WNW	1	Fair.
	2 0	49	55	29,52		WNW	1	Fine.
8	7 0	34	53	29,88		WNW	1	Fine.
	2 0	47 $\frac{1}{2}$	54 $\frac{1}{2}$	29,92		NW	1	Fine.
9	7 0	38	53	29,53		SE	2	Hazy.
	2 0	45	54	29,45		SSE	2	Cloudy.
10	7 0	40	53	29,17		S	2	Rainy.
	2 0	49	55	28,93		SW	2	Rainy.
11	7 0	40	52 $\frac{1}{2}$	29,85	0,278	W	1	Fine.
	2 0	46 $\frac{1}{2}$	54 $\frac{1}{2}$	30,01		W by S	1	Cloudy.
12	7 0	35	51 $\frac{1}{2}$	30,37	0,022	W	1	Foggy.
	2 0	47	54 $\frac{1}{2}$	30,41		W	1	Fine.
13	7 0	41 $\frac{1}{2}$	52	30,51		W by S	1	Cloudy.
	2 0	52	54 $\frac{1}{2}$	30,51		WSW	1	Cloudy.
14	7 0	45	53 $\frac{1}{2}$	30,51		WSW	1	Cloudy.
	2 0	49	55	30,51		NW	1	Cloudy.
15	7 0	41 $\frac{1}{2}$	53	30,42		W	1	Fine.
	2 0	55	55	30,40		W	1	Cloudy.
16	7 0	41	54	30,38		W	1	Fine.
	2 0	52	55	30,33		W	1	Cloudy.

## M E T E O R O L O G I C A L J O U R N A L

for March 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
March 17	7 o	46	53	30,28		WNW	1	Fine.
	2 o	51	55	30,29		NW by W	1	Cloudy.
18	7 o	43	53	30,50		NNW	1	Fine.
	2 o	52	50	30,49		NNW	1	Fine.
19	7 o	38	52	30,41		W	1	Fine.
	2 o	53	55	30,31		W by S	1	Fine.
20	7 o	40	53	30,24		SW	1	Foggy.
	2 o	54	56	30,22		S by W	1	Fine.
21	7 o	42	55	30,23		SW	1	Foggy.
	2 o	56	57	30,21		W	1	Fine.
22	7 o	42	55	30,11		SSW	1	Fine.
	2 o	56	56	30,02		SSW	1	Hazy.
23	7 o	46	55	29,48	0,019	S	1	Rainy.
	2 o	54	56	29,44		SSW	1	Fine.
24	7 o	38	54	29,51		NW	1	Fine.
	2 o	51	57	29,60		NNW	1	Fine.
25	7 o	42	55	29,75		SW	2	Fine.
	2 o	47	56	29,63		S	2	Rainy.
26	7 o	48	54	29,55	0,262	S by W	2	Cloudy.
	2 o	53	57	29,58		S by W	2	Cloudy.
27	7 o	44	54	29,70		SW	2	Fine.
	2 o	53	57	29,70		SW by W	2	Fine.
28	7 o	47	55	29,58		WSW	2	Cloudy.
	2 o	56	57	29,51		SW	2	Cloudy.
29	7 o	48	55	29,30	0,016	SW	1	Cloudy.
	2 o	53	56	29,28		W by S	1	Cloudy.
30	7 o	48	56	29,16	0,120	WSW	1	Cloudy.
	2 o	52	57	29,26		SW by S	1	Cloudy.
31	7 o	42	56	29,51	0,025	SSW	1	Fine.
	2 o	52	58	29,59		SSW	1	Fine.

## METEOROLOGICAL JOURNAL

for April 1787.

	Time.	Therm.	Therm.	Barom.	Rain.	Winds.		Weather.
		without	within.	Inches.	Inch.	Points.	Str.	
	H. M.							
April 1	7 0	45	56	29,98		ENE	1	Cloudy.
	2 0	49	57	30,02		NE	1	Cloudy.
2	7 0	44	54	29,96		NE	1	Cloudy.
	2 0	48	55	29,88		ENE	2	Cloudy.
3	7 0	45	54	29,68	0,117	ENE	1	Cloudy.
	2 0	49	55	29,66		E	1	Rainy.
4	7 0	44	54	29,74	0,049	NNE	1	Cloudy.
	2 0	53	57	29,78		ENE	1	Fine.
5	7 0	45	55	29,84		NE	1	Cloudy.
	2 0	52	56	29,82		NE	1	Cloudy.
6	7 0	48	55	29,76		SSE	1	Rainy.
	2 0	51	57	29,72		SE	1	Cloudy.
7	7 0	45	55	29,77	0,021	NE	2	Cloudy.
	2 0	49	57	29,85		E by N	2	Fine.
8	7 0	42	55	30,08		ENE	2	Cloudy.
	2 0	47	56	30,12		NE by E	2	Cloudy.
9	7 0	38	53	30,28		ENE	2	Fine.
	2 0	52	55	30,24		ENE	2	Fine.
10	7 0	40	53	30,24		ENE	1	Fine.
	2 0	56	57	30,16		NE by E	1	Fine.
11	7 0	43	55	30,07	0,027	SE by E	1	Cloudy.
	2 0	52	56	30,07		E	1	Hazy.
12	7 0	40	54	30,07		NE	1	Cloudy.
	2 0	54	57	30,02		NE by E	1	Fine.
13	7 0	45	55	29,92	0,034	N	1	Cloudy.
	2 0	47	56	29,88		NNW	2	Cloudy.
14	7 0	37	55	29,84		NNE	2	Hazy.
	2 0	48	55	29,78		NNE	2	Cloudy.
15	7 0	40	55	29,80		S	1	Fine.
	2 0	53	57	29,88		S	2	Cloudy.
16	7 0	45	54	30,09		NE	1	Cloudy.
	2 0	53	57	30,13		NE by E	2	Cloudy.

## METEOROLOGICAL JOURNAL

for April 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
April 17	7 O	40	54	30,40		NE	1	Cloudy.
	2 O	43	54	30,40		NE	1	Cloudy.
18	7 O	45	54	30,13		N	2	Cloudy.
	2 O	51	55	30,00		NW	2	Cloudy.
19	7 O	45	54	30,08	0,023	NNW	2	Fine.
	2 O	52	54	30,13		N	2	Cloudy.
20	7 O	42	53	30,34		NE	2	Cloudy.
	2 O	46	55	30,38		NE	2	Cloudy.
21	7 O	41	53	30,48		NE	2	Cloudy.
	2 O	51	55	30,42		NE	2	Cloudy.
22	7 O	44	53	30,27		NW	2	Cloudy.
	2 O	57	55	30,22		W by N	2	Cloudy.
23	7 O	48	53	30,20		W	2	Cloudy.
	2 O	58	56	30,18		W	2	Cloudy.
24	7 O	47	54	30,20		NE	1	Cloudy.
	2 O	56	57	30,22		NE	1	Cloudy.
25	7 O	48	55	29,88		W by S	1	Cloudy.
	2 O	50	56	29,56		SW	1	Rainy.
26	7 O	47	55	29,57	0,197	NNW	2	Fine.
	2 O	55	57	29,68		NW	2	Cloudy.
27	7 O	47	56	29,77		WSW	1	Fine.
	2 O	54	58	29,57		SW	1	Rainy.
28	7 O	46	56	29,07	0,170	WSW	2	Fair.
	2 O	49	57	29,17		W	2	Cloudy.
29	7 O	46	55	29,27	0,052	SW	2	Cloudy.
	2 O	49	57	29,19		W by N	2	Cloudy.
30	7 O	42	54	29,32	0,233	NW	2	Cloudy.
	2 O	45	55	29,48		N	2	Cloudy.

## M E T E O R O L O G I C A L J O U R N A L

for May 1787.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
						Points.	Str.	
	H. M.			Inches.	Inch.			
May 1	7 o	39	53	29,82		NNE	2	Fine.
	2 o	50	55	29,87		N	2	Cloudy.
2	7 o	42	53	29,97		SSE	1	Cloudy.
	2 o	58	55	29,92		W by S	1	Fine.
3	7 o	50	55	29,93		W	1	Fine.
	2 o	60	57	29,88		WSW	1	Fine.
4	7 o	55	55	29,82		WSW	1	Cloudy.
	2 o	62	59	29,91		o	Cloudy.	
5	7 o	46	57	30,08		NNW	2	Fine.
	2 o	54	59	30,21		NNE	2	Fine.
6	7 o	41	56	30,30		NNE	1	Fine.
	2 o	51	57	30,28		NE	2	Cloudy.
7	7 o	43	56	30,28		NE by E	1	Fine.
	2 o	57	59	30,28		NE by E	1	Fine.
8	7 o	48	57	30,16		NE	1	Fine.
	2 o	62	59	30,05		NE	1	Fine.
9	7 o	49	57	29,84		NNE	1	Fine.
	2 o	60	60	29,76		NE	1	Hazy.
10	7 o	46	58	29,66		NE	1	Cloudy.
	2 o	49	60	29,54		N	1	Rainy.
11	7 o	47	58	29,45	0,631	SW	1	Cloudy.
	2 o	55	59	29,55		SW	1	Cloudy.
12	7 o	44	58	29,76		W	1	Hazy.
	2 o	61	60	29,76		W	1	Cloudy.
13	7 o	50	59	29,74		WSW	1	Fine.
	2 o	64	60	29,70		W by S	1	Fine.
14	7 o	52	59	29,80		E by N	1	Fine.
	2 o	63	61	29,85		E by N	1	Cloudy.
15	7 o	50	60	30,07		È	1	Fine.
	2 o	56	60	30,09		ESE	1	Cloudy.
16	7 o	48	60	30,12		SE	2	Cloudy.
	2 o	54	60	30,11		SE	2	Fine.

## METEOROLOGICAL JOURNAL

for May 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom. Inches.	Rain.	Wind. Points.	Weather.
				Inch.		Str.	
May 17	7 o	49	60	30,02		SE	2 Fine.
	2 o	56	61	30,02		SE	2 Fine.
18	7 o	49	60	30,11		ESE	1 Fine.
	2 o	60	61	30,15		SE by E	1 Fine.
19	7 o	52	60	30,25		SSE	1 Fine.
	2 o	65	62	30,26		SSE	1 Fine.
20	7 o	52	61	30,26		SSE	1 Fine.
	2 o	66	62	30,26		SE	2 Fine.
21	7 o	57	62	30,18		SE	1 Cloudy.
	2 o	70	63	30,14		SE	1 Fine.
22	7 o	56	62	30,08		W	1 Fine.
	2 o	71	64	30,06		NW	1 Fine.
23	7 o	53	63	29,97		W	1 Cloudy.
	2 o	58	63	29,85		W	1 Cloudy.
24	7 o	49	61	29,56	0,137	W	2 Rainy.
	2 o	55	63	29,33		W	2 Fair.
25	7 o	50	62	29,50	0,100	WNW	1 Cloudy.
	2 o	61	63	29,63		WNW	1 Fine.
26	7 o	53	62	29,53	0,060	WNW	2 Fine.
	2 o	64	62	29,49		W	2 Cloudy.
27	7 o	52	61	29,56	0,130	W by N	1 Cloudy.
	2 o	62	62	29,58		W by N	1 Fine.
28	7 o	52	61	29,45	0,059	W	2 Cloudy.
	2 o	59	62	29,46		WNW	2 Cloudy.
29	7 o	49	60	29,77	0,020	WNW	2 Cloudy.
	2 o	57	62	29,83		WNW	2 Cloudy.
30	7 o	50	59	29,93		NNE	1 Fine.
	2 o	61	61	30,08		NNE	1 Fine.
31	7 o	52	60	30,31		NE	1 Fine.
	2 o	69	61	30,29		NNE	1 Fine.

## METEOROLOGICAL JOURNAL

for June 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds.	Weather.
					Points.	Str.	
June 1	7 0	57	60	30,21		SE	I Fine.
	2 0	65	62	30,10		N	I Cloudy.
2	7 0	51	61	30,00		NNE	I Cloudy.
	2 0	55	61	30,01		NNE	I Cloudy.
3	7 0	51	61	29,96		SSW	I Fine.
	2 0	65	62	29,90		NW	I Fine.
4	7 0	51	60	29,96		NE	I Cloudy.
	2 0	62	61	29,91		NW	I Cloudy.
5	7 0	52	61	29,67		SSW	I Fine.
	2 0	64	62	29,64		WSW	I Cloudy.
6	7 0	49	60	29,77		NE	I Cloudy.
	2 0	50	61	29,81		NE by E	I Cloudy.
7	7 0	46	59	30,00	0,076	SW	I Fine.
	2 0	60	60	30,00		SW	I Fine.
8	7 0	51	59	30 14		SSE	I Fine.
	2 0	63	60	30,13		SE by S	I Fine.
9	7 0	59	60	30,18		SE by S	I Fine.
	2 0	69	62	30,16		SE by S	I Fine.
10	7 0	58	60	30,14		SE by E	I Fine.
	2 0	68	63	30,11		SE	I Fine.
11	7 0	58	63	30,05		E by S	I Fine.
	2 0	73	64	30,04		E by S	I Fine.
12	7 0	58	63	30,04		E	I Fine.
	2 0	77	66	30,00		E	I Fine.
13	7 0	58	64	29,97		ENE	I Cloudy.
	2 0	64	65	29,90		ENE	I Cloudy.
14	7 0	55	65	29,70	0,175	E	I Rainy.
	2 0	63	65	29,68		SSW	2 Cloudy.
15	7 0	58	65	29,68		SSE	I Fine.
	2 0	73	65	29,68		SSE	I Hazy.
16	7 0	59	65	29,90		S by E	I Fine.
	2 0	73	67	29,94		S	I Cloudy.

## M E T E O R O L O G I C A L J O U R N A L

for June 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
June 17	7 o	58	66	30,04		SW	1	Fine.
	2 o	67	66	30,05		SW	1	Cloudy.
18	7 o	58	65	30,08		SW	1	Fine.
	2 o	66	65	30,00		SW	1	Cloudy.
19	7 o	55	65	29,83	0,065	WSW	1	Cloudy.
	2 o	64	65	29,81		SW by W	1	Cloudy.
20	7 o	54	63	29,80		WSW	1	Cloudy.
	2 o	67	65	29,75		SW	1	Cloudy.
21	7 o	55	64	29,76		SE	1	Hazy.
	2 o	62	64	29,74		SE	1	Cloudy.
22	7 o	58	64	29,70	0,020	SSW	1	Cloudy.
	2 o	68	65	29,74		SW	1	Fine.
23	7 o	60	65	29,79	0,017	SW by W	1	Cloudy.
	2 o	71	66	29,87		WSW	1	Cloudy.
24	7 o	58	65	30,01		SSE	1	Fine.
	2 o	71	67	29,94		S by W	1	Fine.
25	7 o	59	66	29,71	0,209	SW	2	Cloudy.
	2 o	67	66	29,72		SW	2	Cloudy.
26	7 o	57	65	29,78		SW by S	1	Cloudy.
	2 o	62	66	29,78		SSW	2	Cloudy.
27	7 o	58	66	29,55	0,100	SSW	2	Cloudy.
	2 o	67	66	29,55		S by W	2	Cloudy.
28	7 o	56	65	29,82		SW	1	Hazy.
	2 o	65	66	29,82		SW by S	1	Cloudy.
29	7 o	55	65	29,88		SSW	1	Fine.
	2 o	68	66	29,88		SSW	1	Hazy.
30	7 o	56	65	29,98		SW	1	Hazy.
	2 o	72	67	30,03		SW	1	Fine.

## METEOROLOGICAL JOURNAL

for July 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
July 1	7 0	61	65	30,22		SE by E	1	Fine.
	2 0	73	67	30,26		ESE	1	Cloudy.
2	7 0	59	66	30,38		ESE	1	Fine.
	2 0	77	68	30,33		ESE	1	Fine.
3	7 0	63	67	30,38		N	1	Fine.
	2 0	78	69	30,35		NNE	1	Fine.
4	7 0	66	69	30,37		NE	1	Fine.
	2 0	77	71	30,37		NE	1	Fine.
5	7 0	65	70	30,24		ESE	1	Fine.
	2 0	78	72	30,18		ESE	1	Fine.
6	7 0	62	70	29,94		SE	1	Fine.
	2 0	77	73	29,80		S	1	Fine.
7	7 0	60	70	29,70		SW	1	Cloudy.
	2 0	71	70	29,70		W	1	Fine.
8	7 0	58	69	29,70		WSW	1	Fine.
	2 0	71	70	29,76		WSW	1	Fine.
9	7 0	59	68	29,95		WSW	1	Fine.
	2 0	65	67	29,94		WSW	1	Cloudy.
10	7 0	57	67	29,73	0,131	SSW	1	Cloudy.
	2 0	68	68	29,74		SW	1	Cloudy.
11	7 0	55	65	29,98	0,083	SW	1	Fine.
	2 0	67	69	29,97		SW	1	Fine.
12	7 0	58	65	29,73	0,190	WSW	1	Cloudy.
	2 0	67	66	29,69		WSW	1	Cloudy.
13	7 0	58	66	29,66	0,412	SW	1	Cloudy.
	2 0	58	65	29,61		SSW	1	Rainy.
14	7 0	57	65	29,55	0,230	NNE	1	Fair.
	2 0	65	65	29,59		NE	1	Cloudy.
15	7 0	56	65	29,75	0,045	SSE	1	Cloudy.
	2 0	66	66	29,71		S	1	Cloudy.
16	7 0	57	66	29,60	0,244	SSW	2	Fine.
	2 0	65	66	29,74		SSW	2	Fine.

## M E T E O R O L O G I C A L J O U R N A L

for July 787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
July 17	7 o	55	65	29.73	0,094	S by W	1	Rainy.
	2 o	63	65	29.73		SSW	2	Rainy.
18	7 o	54	64	29.94	0,183	SW by W	1	Fine.
	2 o	62	64	29.93		SW	1	Fine.
19	7 o	51	63	30.04	0,044	WSW	1	Fine.
	2 o	66	64	30.04		W	1	Cloudy.
20	7 o	58	63	29.88		SW by S	1	Cloudy.
	2 o	62	64	29.78		SW by S	1	Cloudy.
21	7 o	57	63	29.52	0,015	SW by S	1	Cloudy.
	2 o	60	64	29.47		SW by S	1	Rainy.
22	7 o	56	63	29.44	0,220	SW by W	1	Cloudy.
	2 o	63	64	29.44		SW by W	1	Fine.
23	7 o	58	63	29.49	0,173	SSW	1	Cloudy.
	2 o	63	64	29.49		SSW	1	Rainy.
24	7 o	56	64	29.37	0,305	SW by S	1	Cloudy.
	2 o	60	64	29.40		SW by S	1	Rainy.
25	7 o	57	63	29.54	0,195	SW by S	1	Cloudy.
	2 o	63	64	29.51		SW	1	Cloudy.
26	7 o	55	63	29.71	0,235	SW by W	1	Fine.
	2 o	64	64	29.75		SW by W	1	Fine.
27	7 o	56	63	29.92	0,111	WSW	1	Fine.
	2 o	66	64	29.94		SW	1	Fine.
28	7 o	57	64	30.00	0,161	S	1	Fine.
	2 o	67	65	29.95		S	1	Hazy.
29	7 o	62	65	29.64		SW	1	Cloudy.
	2 o	64	65	29.66		SW	1	Cloudy.
30	7 o	62	65	29.71	0,053	SW by S	2	Cloudy.
	2 o	67	66	29.70		SW	2	Fine.
31	7 o	54	65	29.80	0,122	SW by S	1	Rainy.
	2 o	66	66	29.77		SW by S	1	Fine.

## METEOROLOGICAL JOURNAL

for August 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds.		Weather.
						Points.	Str.	
August 1	7 o	57	65	29,94	0,425	SW	2	Cloudy.
	2 o	68	66	29,94		SW	2	Fine.
2	7 o	56	65	30,18		WSW	1	Fine.
	2 o	67	67	30,26		WSW	1	Fine.
3	7 o	57	67	30,40		WSW	1	Fine.
	2 o	75	68	30,40		W	1	Fine.
4	7 o	60	67	30,38		WSW	1	Fine.
	2 o	77	68	30,36		WSW	1	Fine.
5	7 o	64	68	30,18		ESE	1	Hazy.
	2 o	78	68	29,98		SE	1	Fine.
6	7 o	62	68	30,02		SW	1	Cloudy.
	2 o	75	69	30,04		WSW	1	Cloudy.
7	7 o	61	70	30,16		ESE	1	Fine.
	2 o	77	71	30,16		ESE	1	Fine.
8	7 o	63	70	30,22		SE	1	Fine.
	2 o	77	72	30,18		SE	1	Fine.
9	7 o	63	71	30,06		ESE	1	Fine.
	2 o	83	73	29,99		E by S	1	Fine.
10	7 o	64	72	29,91		WSW	1	Cloudy.
	2 o	77	73	30,00		WSW	1	Cloudy.
11	7 o	63	71	30,04	0,060	WSW	1	Cloudy.
	2 o	74	71	30,05		WSW	1	Fine.
12	7 o	58	70	30,86	0,036	SW	1	Cloudy.
	2 o	67	70	29,86		SW	1	Cloudy.
13	7 o	55	68	30,23	0,044	SW	1	Cloudy.
	2 o	72	69	30,22		SW	1	Fine.
14	7 o	55	68	30,13		WSW	1	Cloudy.
	2 o	67	68	30,03		WSW	2	Cloudy.
15	7 o	62	68	29,90	0,075	SW by W	2	Rainy.
	2 o	68	68	29,90		SW by W	1	Fair.
16	7 o	63	68	29,90		SW	1	Cloudy.
	2 o	67	68	29,87		SW	1	Cloudy.

## M E T E O R O L O G I C A L J O U R N A L

for August 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
		Inches.	Inch.	Points.	Str.			
August 17	7 o	57	68	29,70		SW by W	2	Cloudy.
	2 o	68	68	29,73		SW by W	2	Cloudy.
18	7 o	54	66	29,81	0,068	SW by S	2	Fine.
	2 o	65	66	29,76		SSW	2	Hazy.
19	7 o	54	66	29,72	0,060	SSW	1	Fine.
	2 o	67	66	29,70		SSW	1	Cloudy.
20	7 o	57	65	29,92		W	1	Cloudy.
	2 o	68	66	29,96		W	1	Fine.
21	7 o	54	66	30,18		WNW	1	Fine.
	2 o	69	66	30,21		W	1	Cloudy.
22	7 o	54	66	30,20		W	1	Fine.
	2 o	70	66	30,10		WSW	1	Fine.
23	7 o	59	67	29,89	0,059	WSW	1	Cloudy.
	2 o	70	67	29,89		WSW	1	Cloudy.
24	7 o	52	65	29,87		WSW	1	Cloudy.
	2 o	58	66	29,70		WSW	1	Cloudy.
25	7 o	52	65	29,28	0,107	WSW	1	Cloudy.
	2 o	54	66	29,25		WSW	2	Rainy.
26	7 o	48	62	29,68	0,220	WSW	2	Fine.
	2 o	63	63	29,72		WSW	2	Cloudy.
27	7 o	54	63	29,85	0,017	NNW	2	Cloudy.
	2 o	63	63	29,92		NNW	1	Cloudy.
28	7 o	54	63	30,05		NNW	1	Cloudy.
	2 o	63	63	30,05		NNW	1	Cloudy.
29	7 o	54	62	30,05		NNW	1	Cloudy.
	2 o	68	63	30,05		NNW	1	Cloudy.
30	7 o	58	63	30,15		NNW	1	Cloudy.
	2 o	65	63	30,23		NNW	1	Cloudy.
31	7 o	58	63	30,34		NW	1	Cloudy.
	2 o	67	64	30,35		NNW	1	Cloudy.

## M E T E O R O L O G I C A L J O U R N A L

for September 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds	Weather.
				Inches.	Inch.	Points.	
Sept. 1	7 o	58	63	30,38		NNE	Cloudy.
	2 o	62	63	30,38		NNE	Cloudy.
2	7 o	55	63	30,40		NE	Cloudy.
	2 o	63	63	30,40		NE	Cloudy.
3	7 o	54	62	30,44		ENE	Cloudy.
	2 o	61	63	30,45		ENE	Cloudy.
4	7 o	57	62	30,40		ENE	Cloudy.
	2 o	64	63	30,36		ENE	Cloudy.
5	7 o	60	62	30,29		ESE	Cloudy.
	2 o	68	63	30,24		ESE	Cloudy.
6	7 o	58	63	30,11		ESE	Cloudy.
	2 o	65	64	30,05		ESE	Cloudy.
7	7 o	57	63	30,02		SE	Cloudy.
	2 o	65	64	30,02		SE	Cloudy.
8	7 o	56	63	30,13		SE	Cloudy.
	2 o	66	64	30,03		SE	Cloudy.
9	7 o	56	63	30,18		SE	Cloudy.
	2 o	64	64	30,18		SE	Cloudy.
10	7 o	52	62	30,23		SSE	Fine.
	2 o	62	63	30,22		SE	Cloudy.
11	7 o	53	62	30,28		SSE	Cloudy.
	2 o	63	63	30,28		SE	Cloudy.
12	7 o	53	61	30,30		ESE	Cloudy.
	2 o	61	62	30,28		E	Cloudy.
13	7 o	53	61	30,23		ESE	Cloudy.
	2 o	61	62	30,18		SE	Cloudy.
14	7 o	53	61	30,10		NE	Cloudy.
	2 o	62	61	30,05		ENE	Cloudy.
15	7 o	54	61	29,93		SSE	Cloudy.
	2 o	62	62	29,86		SSE	Cloudy.
16	7 o	57	61	29,46	0,160	SSE	Rainy.
	2 o	64	62	29,30		SSW	Fair.

## METEOROLOGICAL JOURNAL

for September 1787.

	Time. H. M.	Therm., without	Therm., within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
Sept. 17	7 o	52	61	29,26	0,151	SW	1	Fine.
	2 o	58	62	29,11		SW	1	Rainy.
18	7 o	53	62	29,18	0,135	WSW	1	Cloudy.
	2 o	62	62	29,29		WSW	1	Fine.
19	7 o	51	61	29,47	0,162	WSW	1	Fine.
	2 o	58	62	29,45		WSW	1	Rainy.
20	7 o	47	60	29,78	0,066	WSW	1	Fine.
	2 o	63	62	29,78		WSW	2	Cloudy.
21	7 o	58	61	29,51	0,155	SSE	2	Cloudy.
	2 o	63	62	29,54		SSE	2	Cloudy.
22	7 o	56	62	29,68	0,046	SE by S	2	Rainy.
	2 o	65	62	29,61		S	2	Fair.
23	7 o	55	62	29,85	0,017	SSW	2	Cloudy.
	2 o	65	63	29,86		SSW	2	Fine.
24	7 o	57	62	29,92		SSW	1	Cloudy.
	2 o	65	63	29,94		SSW	2	Cloudy.
25	7 o	53	63	29,88	0,098	SSE	1	Foggy.
	2 o	65	64	29,77		SE	1	Cloudy.
26	7 o	59	63	29,68		ESE	1	Cloudy.
	2 o	68	64	29,70		SSE	2	Fine.
27	7 o	56	64	29,76		S	1	Foggy.
	2 o	57	63	29,80		S	1	Cloudy.
28	7 o	48	62	29,98		S	1	Cloudy.
	2 o	57	62	30,00		S	1	Cloudy.
29	7 o	46	61	30,00		S	1	Fine.
	2 o	59	61	29,95		SE	1	Cloudy.
30	7 o	49	61	29,83		ESE	1	Cloudy.
	2 o	59	61	29,72		SE	1	Cloudy.

## METEOROLOGICAL JOURNAL

for October 1787.

	Time. H. M.	Therm. without	Therm. within	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
Oct. 1	7 0	54	61	29,56		SE	1	Cloudy.
	2 0	63	62	29,55		SE	1	Cloudy.
2	7 0	58	61	29,71		E	1	Cloudy.
	2 0	63	62	29,75		ESE	1	Fine.
3	7 0	56	61	29,65		S	1	Cloudy.
	2 0	57	61	29,60		S	1	Small rain.
4	7 0	56	61	29,56		SSW	2	Cloudy.
	2 0	57	61	29,56		SSW	2	Cloudy.
5	7 0	51	61	29,78	0,125	SSW	2	Fine.
	2 0	58	60	29,82		SSW	2	Cloudy.
6	7 0	54	59	29,96	0,076	SSE	1	Cloudy.
	2 0	62	60	29,99		SSE	1	Cloudy.
7	7 0	54	60	30,04	0,212	ESE	1	Cloudy.
	2 0	62	61	30,08		ESE	1	Cloudy.
8	7 0	56	60	30,10		SE	1	Cloudy.
	2 0	61	61	30,09		SE	1	Cloudy.
9	7 0	47	60	30,09		SSE	1	Foggy.
	2 0	62	61	30,03		S	1	Cloudy.
10	7 0	56	60	29,53		SSW	1	Cloudy.
	2 0	56	60	29,27		SSW	2	Cloudy.
11	7 0	44	58	29,28	0,170	SSW	1	Cloudy.
	2 0	50	58	29,25		SSW	1	Cloudy.
12	7 0	39	56	29,36		SSW	2	Cloudy.
	2 0	51	57	29,35		SSW	2	Fine.
13	7 0	41	56	29,21		SW by S	1	Fine.
	2 0	56	57	29,24		SW	1	Fine.
14	7 0	41	56	29,42		SW by S	1	Foggy.
	2 0	55	57	29,57		SW by S	1	Hazy.
15	7 0	39	55	29,78		SW	1	Fine.
	2 0	56	57	29,77		SW	1	Fine.
16	7 0	55	56	29,55	0,315	WSW	1	Cloudy.
	2 0	60	58	29,66		WSW	1	Fine.

## METEOROLOGICAL JOURNAL

for October 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
		Inches.	Inch.	Points.	Str.			
Oct. 17	7 o	55	57	29,74	0,015	SW by W	1	Cloudy.
	2 o	56	56	29,72		SW by W	1	Cloudy.
18	7 o	46	56	29,64	0,105	SW by W	1	Foggy.
	2 o	55	57	29,67		SW by W	1	Fine.
19	7 o	42	56	29,72		SW by W	1	Fine.
	2 o	52	57	29,78		WSW	1	Fine.
20	7 o	45	56	29,98		WSW	1	Fine.
	2 o	53	57	30,05		WSW	1	Cloudy.
21	7 o	45	55	30,15		WNW	1	Cloudy.
	2 o	48	57	30,13		NNW	1	Cloudy.
22	7 c	48	54	29,67	0,038	SSW	2	Rainy.
	2 o	56	56	29,57		SSW	2	Fair.
23	7 o	44	55	29,68		SW	1	Fine.
	2 o	54	57	29,77		WSW	1	Cloudy.
24	7 o	41	55	29,90		SW	1	Fine.
	2 o	52	56	29,72		SSW	1	Rainy.
25	7 o	44	55	29,79	0,223	SSW	1	Cloudy.
	2 o	53	57	29,47		S	2	Rainy.
26	7 o	47	56	29,60	0,284	WSW	1	Cloudy.
	2 o	52	57	29,70		WSW	1	Cloudy.
27	7 o	57	56	29,61	0,090	SW by S	1	Cloudy.
	2 o	59	60	29,72		SW by S	1	Cloudy.
28	7 o	58	58	29,90	0,130	S by W	1	Cloudy.
	2 o	60	58	29,94		SSW	1	Cloudy.
29	7 o	53	58	30,03		SW	1	Cloudy.
	2 c	58	60	30,07		SW	1	Rainy.
30	7 o	56	59	29,87	0,035	SW by S	1	Cloudy.
	2 o	60	61	29,78		SW	1	Cloudy.
31	7 o	53	60	29,55		SSW	1	Fine.
	2 c	58	62	29,42		SSW	2	Cloudy.

## M E T E O R O L O G I C A L J O U R N A L

for November 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds.		Weather.
						Points.	Str.	
Nov. 1	7 0	49	61	29,39	0,020	SW	1	Hazy.
	2 0	56	61	29,38		SW	1	Fine.
2	7 0	45	59	29,38	0,195	SSE	1	Foggy.
	2 0	50	61	29,27		SSE	1	Cloudy.
3	7 0	40	58	29,55	0,268	NNE	2	Fine.
	2 0	48	59	29,83		NNE	2	Fine.
4	7 0	36	56	29,96		SSE	1	Fine.
	2 0	48	56	29,67		S	2	Cloudy.
5	7 0	42	55	29,58	0,135	SSE	2	Cloudy.
	2 0	48	57	29,60		SSW	2	Fine.
6	7 0	48	57	29,55		WSW	2	Cloudy.
	2 0	52	59	29,55		WSW	2	Fine.
7	7 0	43	56	29,61		WSW	1	Fine.
	2 0	49	58	29,70		WSW	1	Fine.
8	7 0	47	56	29,54		SSE	1	Cloudy.
	2 0	52	58	29,18		S	2	Rainy.
9	7 0	47	56	29,12	0,305	SW by W	2	Fine.
	2 0	53	58	29,48		W	2	Fine.
10	7 0	48	58	29,74		S by E	1	Fine.
	2 0	54	60	29,71		S	1	Cloudy.
11	7 0	51	58	29,45		SSE	1	Cloudy.
	2 0	58	60	29,33		SE by S	1	Fine.
12	7 0	49	57	29,42	0,080	S	2	Rainy.
	2 0	53	58	29,48		SSE	1	Cloudy.
13	7 0	43	58	29,48		ESE	1	Foggy.
	2 0	54	59	29,60		E	2	Cloudy.
14	7 0	42	57	29,80		N	1	Fine.
	2 0	43	58	29,80		NNW	1	Fine.
15	7 0	38	56	29,97		N	1	Cloudy.
	2 0	43	57	30,01		N	1	Fine.
16	7 0	36	55	30,10		NNE	1	Fine.
	2 0	43	57	30,16		NNW	1	Fine.

## METEOROLOGICAL JOURNAL

for November 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
Nov. 17	7 O	41	55	30,10		NNW	I	Cloudy.
	2 O	44	56	29,98		NNW	I	Cloudy.
18	7 O	36	54	29,84		NW	I	Cloudy.
	2 O	40	53	29,85		NW	I	Fine.
19	7 O	33	51	29,80		NWbyW	I	Cloudy.
	2 O	40	53	29,62		W	I	Rainy.
20	7 O	34	51	29,68	0,337	NNW	I	Fine.
	2 O	42	53	29,75		NNW	I	Fine.
21	7 O	32	50	30,00		N	I	Hazy.
	2 O	40	52	30,00		NW	I	Cloudy.
22	7 O	42	51	29,88		W	I	Cloudy.
	2 O	44	54	29,74		WSW	I	Cloudy.
23	7 O	35	52	29,71		W	I	Fine.
	2 O	42	54	29,73		WSW	I	Cloudy.
24	7 O	33	52	29,82		WSW	I	Fine.
	2 O	39	53	29,90		WSW	I	Fine.
25	7 O	29	51	30,12		WSW	I	Fine.
	2 O	33	52	30,16		WSW	I	Fine.
26	7 O	33	50	30,26		E	I	Fine.
	2 O	39	52	30,28		ESE	I	Fine.
27	7 O	32	50	30,28		ESE	I	Fine.
	2 O	36	51	30,28		ESE	I	Fine.
28	7 O	30	48	30,28		ESE	I	Fine.
	2 O	36	52	30,30		E	I	Fine.
29	7 O	31	49	30,45		E	I	Foggy.
	2 O	36	51	30,44		E	I	Fine.
30	7 O	29	48	30,38		E	I	Foggy.
	2 O	36	51	30,33		ESE	I	Fine.

## M E T E O R O L O G I C A L J O U R N A L

for December 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Wind. Str.	Weather.
Dec. 1	8 o	34	48	30,17		SE	1	Fine.
	2 o	42	51	30,12		SE	1	Cloudy.
2	8 o	39	50	29,77		SE	1	Cloudy.
	2 o	43	52	29,64		SSE	1	Rainy.
3	8 o	39	50	29,57	0,025	S by W	1	Fine.
	2 o	46	52	29,60		S by W	1	Fine.
4	8 o	39	52	29,57		SW	1	Fine.
	2 o	48	54	29,61		SW	1	Cloudy.
5	8 o	48	53	29,39	0,845	SSW	1	Rainy.
	2 o	48	56	29,40		SW	1	Fair.
6	8 o	38	53	29,56	0,300	NNW	1	Cloudy.
	2 o	46	55	29,67		NNW	1	Cloudy.
7	8 o	37	53	29,88		NNW	1	Fine.
	2 o	47	55	29,94		E	1	Cloudy.
8	8 o	45	54	29,94	0,130	SSE	1	Cloudy.
	2 o	45	56	29,94		S	1	Cloudy.
9	8 o	53	55	29,71	0,440	SSW	2	Cloudy.
	2 o	53	56	29,75		SW	2	Fine.
10	8 o	48	55	29,87		SSW	1	Fine.
	2 o	50	56	29,87		SSW	1	Fine.
11	8 o	50	56	29,77		SSW	1	Cloudy.
	2 o	52	58	29,73		S by W	1	Fine.
12	8 o	48	56	29,47		S	1	Cloudy.
	2 o	53	58	29,53		S	1	Cloudy.
13	8 o	44	57	29,70		WSW	1	Cloudy.
	2 o	52	58	29,75		W	1	Fine.
14	8 o	48	57	29,45	0,195	S	2	Rainy.
	2 o	51	57	29,37		S	1	Fine.
15	8 o	47	58	29,38	0,040	W	1	Foggy.
	2 o	48	59	29,39		SW	1	Cloudy.
16	8 o	46	58	29,45	0,345	W	1	Cloudy.
	2 o	48	59	29,56		W	1	Cloudy.

## METEOROLOGICAL JOURNAL

for December 1787.

	Time. H. M.	Therm. without	Therm. within.	Barom.	Rain.	Wind.	Weather.
				Inches.	Inch.	Points.	
Dec. 17	8 o	42	57	29,53	0,038	E	Cloudy.
	2 o	45	57	29,43		E	Cloudy.
18	8 o	47	58	29,33	0,073	S	Rainy.
	2 o	50	57	29,30		S	Foggy.
19	8 o	46	57	29,47	0,060	S	Cloudy.
	2 o	45	57	29,46		S	Cloudy.
20	8 o	45	55	29,38	0,100	SSW	Foggy.
	2 o	47	58	29,38		WSW	Foggy.
21	8 o	38	55	29,76		NE	Cloudy.
	2 o	40	55	29,78		NE	Cloudy.
22	8 o	35	54	29,70		ENE	Cloudy.
	2 o	38	55	29,65		E	Cloudy.
23	8 o	31	52	29,55		NE	Fine.
	2 o	35	54	29,49		NE	Fine.
24	8 o	30	50	29,35		ENE	Snow.
	2 o	32	53	29,30		NE	Snow.
25	8 o	32	50	29,21		N	Snow.
	2 o	33	51	29,33		N	Snow.
26	8 o	31	49	29,56		W	Cloudy.
	2 o	35	51	29,64		WSW	Cloudy.
27	8 o	35	49	29,96		NW	Cloudy.
	2 o	37	52	30,13		NNW	Fine.
28	8 o	32	48	30,40		N	Cloudy.
	2 o	36	52	30,40		N	Cloudy.
29	8 o	34	49	30,24		ESE	Fine.
	2 o	37	51	30,15		E	Cloudy.
30	8 o	37	48	29,91	0,409	E	Foggy.
	2 o	37	48	29,90		E	Foggy.
31	8 o	37	46	30,04		ESE	Foggy.
	2 o	39	50	30,06		ESE	Foggy.

1787	Thermometer without.			Thermometer within.			Barometer.			Rain.
	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.	Greatest height.	Least height.	Mean height.	Inches.
January	51°	27°	39°	54°	45°	49 $\frac{1}{2}$	30,64	29,52	30,08	0,360
February	53	31	42	56	50	53	30,36	28,67	29,51	1,041
March	56	34	45	58	51 $\frac{1}{2}$	54 $\frac{3}{4}$	30,51	29,03	29,77	1,283
April	58	37	47 $\frac{1}{2}$	58	53	55 $\frac{1}{2}$	30,48	29,07	29,77	0,923
May	71	39	55	64	53	58 $\frac{1}{2}$	30,31	29,33	29,82	1,137
June	77	46	61 $\frac{1}{2}$	67	59	63	30,29	29,55	29,92	0,662
July	78	51	64 $\frac{1}{2}$	71	63	67	30,38	29,37	29,87	3,246
August	83 $\frac{1}{2}$	48	65 $\frac{3}{4}$	73	62	67 $\frac{1}{2}$	30,40	29,25	29,82	1,171
September	68	46	57	64	61	62 $\frac{1}{2}$	30,45	29,11	29,78	0,990
October	63	39	51	62	54	58	30,15	29,21	29,68	1,818
November	56	29	42 $\frac{1}{2}$	61	48	54 $\frac{1}{2}$	30,45	29,12	29,78	1,340
December	53	30	41 $\frac{1}{2}$	59	46	52 $\frac{1}{2}$	30,40	29,21	29,80	3,000
Whole year			51			58			29,80	16,971

## EXPLANATION OF THE INSTRUMENTS.

The instruments with which the foregoing observations were made are the same that were used in former observations of this kind, a full account of which was given by HENRY CAVENDISH, F. R. S. in the LXVIth Volume of the Philosophical Transactions; but as they have been moved from the situations they had at that time, it may not be amiss to mention how they are placed now, in order the better to shew what degree of accuracy may be expected from them. There being no one situation for a thermometer out of doors so good as could be wished, it became necessary to make use of two thermometers; each is placed out of a three-pair-of-stairs window, one facing E.N.E. and the other W.S.W. and they stand about two or three inches from the wall, that they may be the more exposed to the air, and the less affected by the heat and cold of the house. As the sun shines on the eastern part of the building in the morning, the thermometer to the westward is made use of for the morning observation during that season of the year when the sun rises high enough to affect the other; for all other observations, that to the eastward is employed. Neither the building opposite, nor that on the south side of the thermometer to the east, are elevated above it in an angle of more than  $13^{\circ}$ ; but the opposite building is not more than twenty-five feet distant. The thermometer to the westward will not be affected by any other building than one to the northward, which is elevated above it in an angle of  $20^{\circ}$ , and which is only twenty feet distant.

The thermometer within doors is placed close to the barometer, the heights of which it is intended chiefly to correct; the windows of the room in which they are kept look to the westward, and in winter the room has constantly a fire in it.

The vessel which receives the rain is fixed to a chimney at the top of the house, and rises six inches above the chimney; it is not screened from the rain by any building or chimnies, there being none higher than that to which it is fixed.

END OF PART I. OF VOL. LXXVIII.